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**Date:** February 28, 2003

**To:** Stephen Gucker

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**From:** Todd Armstrong, Ph.D.  
Technology Specialist

**Re:** U.S. Serial No.: 08/879,469

Applicant: Robert A. Murgita

Filed: June 20, 1997

Title: RECOMBINANT HUMAN ALPHA-FETOPROTEIN AS A  
CELL PROLIFERATIVE AGENT

ATTORNEY DOCKET NO.: 06727/006001

**Pages:** 2, including this one.

**Message:** Dear Dr. Gucker,

Pursuant to your request this afternoon, I enclose allowed claims 1-4  
of U.S. Serial No.: 08/758,757 for review in connection with the  
above-referenced case. Please do not hesitate to contact me if  
anything further is required. I look forward to hearing from you soon.

Very truly yours,



Todd Armstrong, Ph.D.

Technology Specialist

## ATTORNEY DOCKET NO.: 06727/004001

Applicant: Robert A. Murgita Art Unit: 1647  
Serial No.: 08/758,757 Examiner: Gucker, Stephen  
Filed: December 3, 1996 Customer No.: 21559  
Title: (Amended) RECOMBINANT ALPHA-FETOPROTEIN HYBRID CYTOTOXINS FOR TREATING CANCERS

Allowed Claims

1. A hybrid cytotoxin consisting essentially of a recombinant human alpha-fetoprotein (SEQ ID NO:2) or a fragment thereof selected from the group comprising at least one of Domain I (SEQ ID NO:3), Domain II (SEQ ID NO:4), Domain III (SEQ ID NO:5), Domain I+II (SEQ ID NO:6), Domain II + III (SEQ ID NO:7), and rHuAFP Fragment I (SEQ ID NO:8) linked to a cytotoxic agent.
2. The hybrid cytotoxin of claim 1, wherein said cytotoxin agent is a protein.
3. The hybrid cytotoxin of claim 1, wherein said cytotoxic agent is chemically conjugated to said recombinant human alpha-fetoprotein or fragment thereof.
4. The hybrid cytotoxin of claim 1, wherein said cytotoxin is linked by a peptide bond to said recombinant human alpha-fetoprotein or fragment thereof, and said hybrid toxin is produced by expression of a genetically engineered hybrid DNA molecule.